

MEMORANDUM

DATE: July 23, 2010

TO: Division File

FROM: Lance Range, Illinois EPA *LR*

SUBJECT: Location of the former Carlyle Ready Mix

SITE NUMBER: 1210500002 – Marion County
Sandoval/Sandoval Zinc Company

Sandoval Zinc Co. is located just east of the city limits of Sandoval in Marion County, Illinois. The Sandoval Zinc Co. smelter facility began operating as a primary zinc smelter sometime between 1885 and 1890. In 1914, a fire destroyed the smelter, and in 1915 the company began operating as a secondary zinc smelter. Compounds fed into the kilns were pure zinc, zinc oxide, zinc chloride, possibly aluminum chloride, and other trace metals. The facility remained a secondary smelter until it was closed in 1985. In December 1986, the Sandoval Zinc Co. was officially dissolved and the owners declared bankruptcy.

During the first 85 years of operation, the principal waste emissions from the plant were metal-laden cinders and windblown ash. Large quantities of cinders from the smelting process were used in constructing and surfacing secondary roads in the plant area and as fill material on the property. Cinders that could not be utilized by the plant were placed in large piles on the property and offered to the public and the city of Sandoval for use in constructing and surfacing roadways, driveways, sidewalks, and parking lots. Many areas throughout Sandoval exhibit evidence of the use of cinders.

Upon conducting a search for nearby surrounding facilities which may impact the site score for the Sandoval Zinc Company, the United States Environmental Protection Agency's Enviromapper located online at <http://www.epa.gov/emefdata/em4ef.home> was consulted. Upon looking at the Carlyle Ready Mix plant, I found a discrepancy in the address. The address listed on Enviromapper was 408 S.W. 1st Street, but the map associated with Enviromapper placed the Carlyle Ready Mix at 408 Oak Street. Upon scrolling over the star on the map, the latitude and longitude coordinates are displayed. The latitude/longitude for the site was listed as 38.608805 and -89.119931 which correlates to 408 Oak Street.

To verify information about the address I called the number listed in the NPDES paperwork associated from this site. Andrew Raker, the owner of the property told me that 408 Oak Street was the correct address.